

# COMNAVAIRLANT

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## **SOFTWARE TRACKING PROCESS AT THE DECK PLATE(draft)**

09/10/02

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# SCOPE

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- 2200 workstations
- ATM/gigabyte backbones
- Tactical Systems (GCCS-M/Intel/Comms)
- Maintenance Systems  
(OMMS/ICAS/NALCOMIS/ISIS)
- Infrastructure (ICAS/ICAN/Propulsion plant networks)
- Admin Systems (Medical/Supply/Pay/etc.)
- Growth each deployment

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# Shipboard Problems

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- ***Scope exceeds Limited Manpower***

- Limited Automation
- Fast turnover - lost expertise/experience
- Push software ineffective at times
- Inventories not automated/compatible
  - CLICKNET
  - SURFLANT Audit Wizard
  - INM-PRO
  - HPOpenview (now Computer Associates)
- Training/experience shortfalls

# Scope of SW Upgrades

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- GOTS-D/OS - 2200 minus push(1/3) to POR
- Trouble calls - 28 per day, 4-6 get SW update
- New releases/version - 25 upgrades post TCD
- Service packs/IAVSs
- Cyclical updates
- Science projects/Surprises
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New operational requirements

# Bottom line:

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- IT staff on a CV/CVN performs between 5000-8000 software upgrades per year(one deployment cycle). This effort dedicates approximately 4 man-years to accomplish.
- IT maintenance and fire suppression has a higher priority than software inventories.
- If software inventory is not a part of the day to day business process **AND** if it is not quick and easy, it will not get done, even with the best of intentions and strongest of guidelines.

# RECOMMENDATIONS

- - AUTOMATE - AUTOMATE - AUTOMATE
- Move work ashore
- Desktop management applications
  - SW push that works w/logs and inventory update
  - Make tools Compatible
  - Replication of data
- Use existing sources of data
  - AMPS/ECCB MESSAGE TRAFFIC
  - RMMCO CONSOLIDATED PKGS.
- Encourage thought out of the traditional process

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